

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/14347

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L9/00 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	✓ US 5 671 282 A (WOLFF GREGORY J ET AL) 23 September 1997 (1997-09-23) <i>cited in IDS 3-21-01</i> abstract column 3, line 27 - line 50 column 4, line 16 - line 34 column 7, line 55 - column 8, line 58 ---	1-49
X	EP 0 600 646 A (PITNEY BOWES) 8 June 1994 (1994-06-08) abstract column 1, line 33 - column 2, line 51 ---	1-49
E	US 611 953 A (WALKER JAY ET AL) 29 August 2000 (2000-08-29) column 2, line 28 - column 3, line 33 column 4, line 12 - line 46 --- -/--	1-49



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

26 March 2002

Date of mailing of the international search report

04/04/2002

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 791 281 A (JOHNSEN EDWARD L ET AL) 13 December 1988 (1988-12-13) column 2, line 3 - line 42; figure 2 ---	1-49
A	GB 2 318 324 A (XEROX CORP.) 22 April 1998 (1998-04-22) page 1, line 1 -page 3, line 16 -----	1-49

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5671282	A	23-09-1997	DE 19602136 A1 JP 8320841 A	12-09-1996 03-12-1996
EP 0600646	A	08-06-1994	US 5388158 A CA 2109554 A1 DE 69329447 D1 DE 69329447 T2 EP 0600646 A2 JP 7005809 A	07-02-1995 21-05-1994 26-10-2000 01-03-2001 08-06-1994 10-01-1995
US 611953	A		NONE	
US 4791281	A	13-12-1988	NONE	
GB 2318324	A	22-04-1998	US 5917996 A	29-06-1999